The intersections of Innes Avenue, Hunters Point Boulevard and Hawes Street pose many challenges to pedestrians, bicyclists, transit vehicles and drivers. Ideally, any redesign of these intersections should strive to:

* Improve conditions for all users
* Be simple to navigate
* Allow transit to operate efficiently
* Accommodate game day exiting for 49ers stadium
* Avoid need to acquire private land.

The following preliminary studies* address these challenges in different ways.

*Note that all configurations will be evaluated for type of traffic control (signals, stop signs, etc.) at all intersections. Intersections in the studies are illustrated with signals since signals are the most conservative option in assessing future infrastructure cost, and as reminders for the need for traffic control at intersections.

Preliminary Study A

Improves pedestrian crossings and turn movements.

Simple to navigate.

Fewer sharp turns are more efficient for transit.

Accommodates flex lanes for 49ers game-day exiting.

Works with existing public right-of-way; does not require acquisition or other modification of private property.

Preliminary Study B:

Improves pedestrian crossings and turn movements.

Simple to navigate.

Sharp turn is less efficient for transit.

Could accommodate flex lanes for 49ers game-day exiting.

Requires acquisition of private property.

Preliminary Study C:

Provides fewer pedestrian crossings.

Some turns require merging.

Less simple to navigate.

Sharp turn is less efficient for transit.

Does not accommodate flex lanes for 49ers game-day exiting.

Might require acquisition or other modification of private property.

Preliminary Study D:

Improves pedestrian crossings and turn movements.

Simple to navigate.

Fewer sharp turns are more efficient for transit.

Could accommodate flex lanes for 49ers game-day exiting.

Requires acquisition of private property.

Preliminary Study E:

Improves pedestrian crossings.

Not simple to navigate.

Fewer sharp turns are more efficient for transit.

Does not accommodate flex lanes for 49ers game-day exiting.

Requires acquisition of private property.

Note that areas marked in green are not necessarily public open space.